

FIG. 1

FIG. 1
PRIOR ART

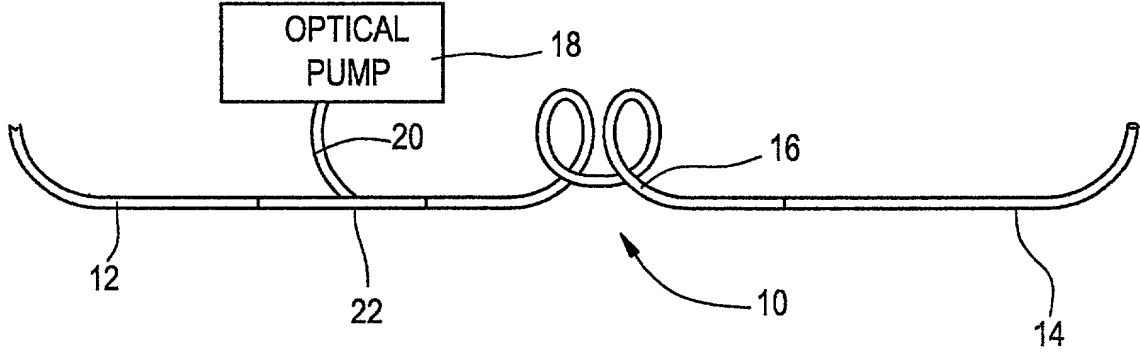


FIG. 2

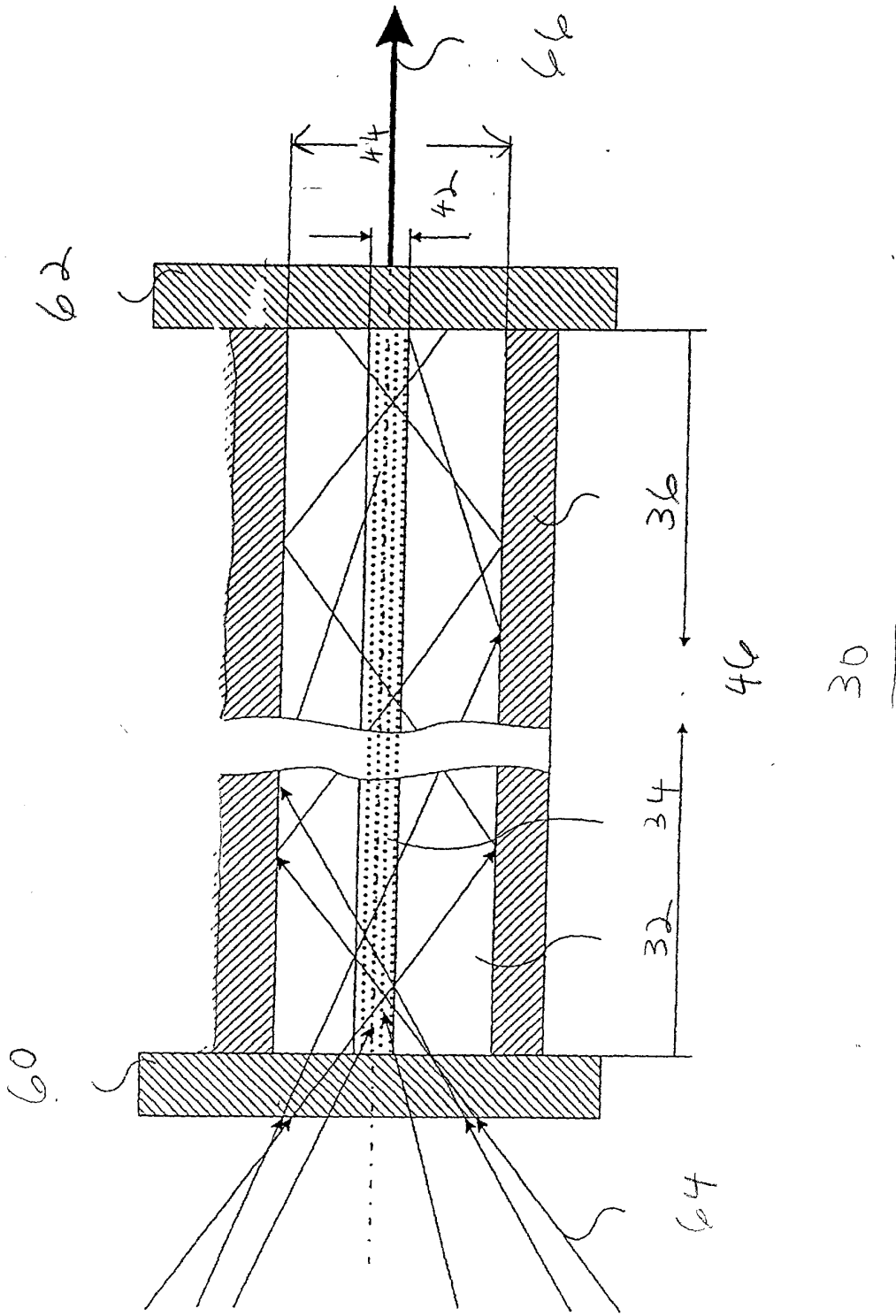


FIG. 2

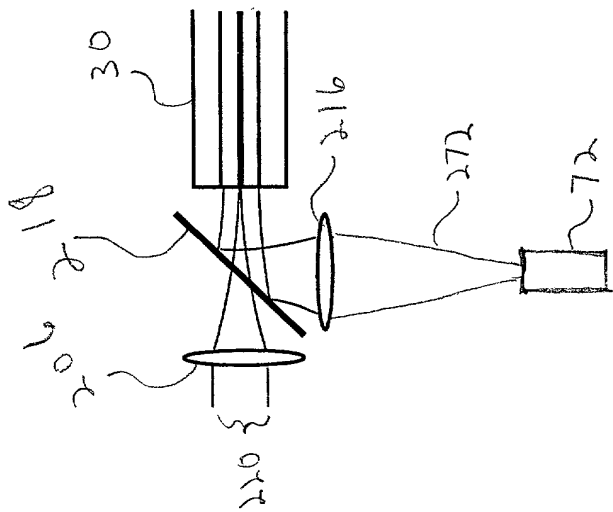


FIG. 3

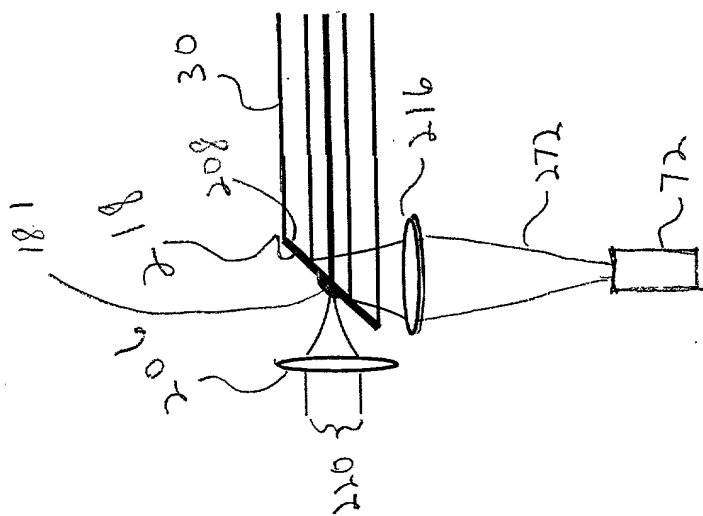


FIG. 4

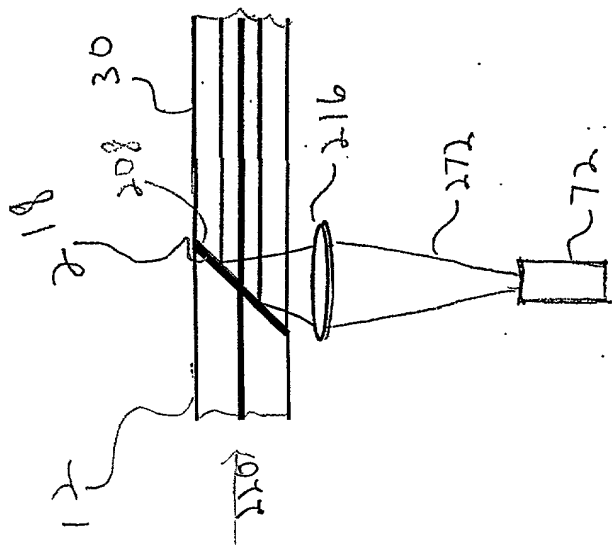
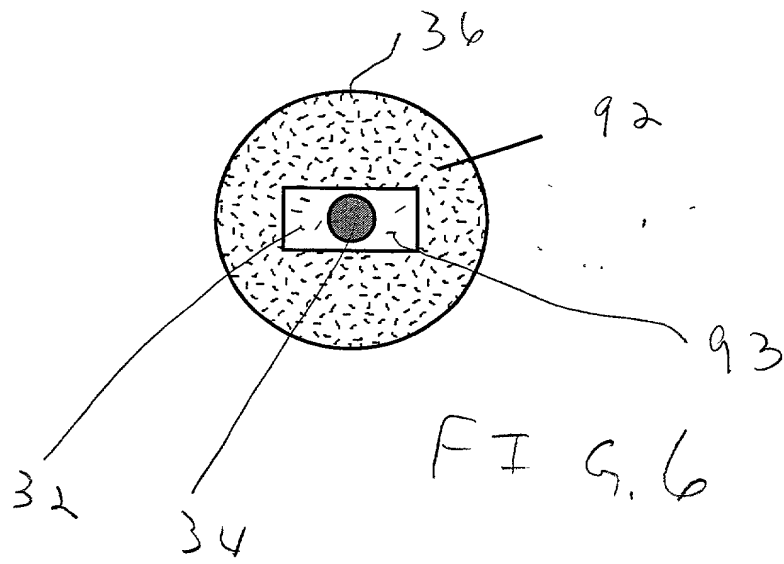
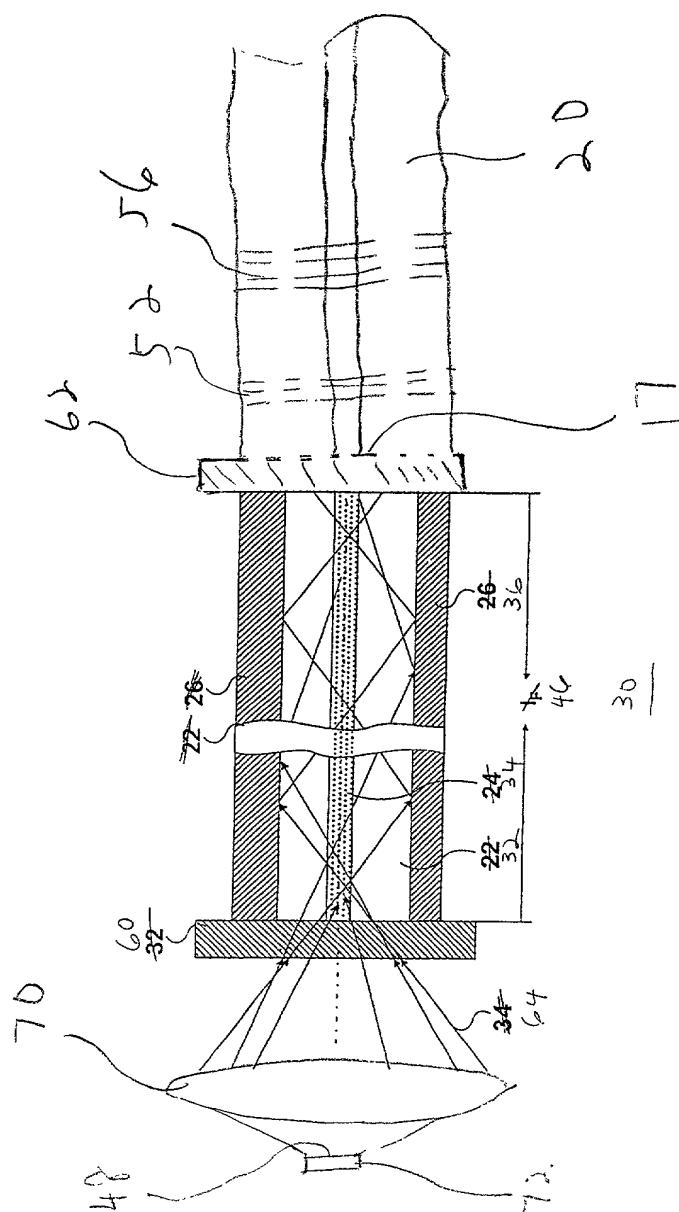


FIG. 5





978nm
output power
(mW)

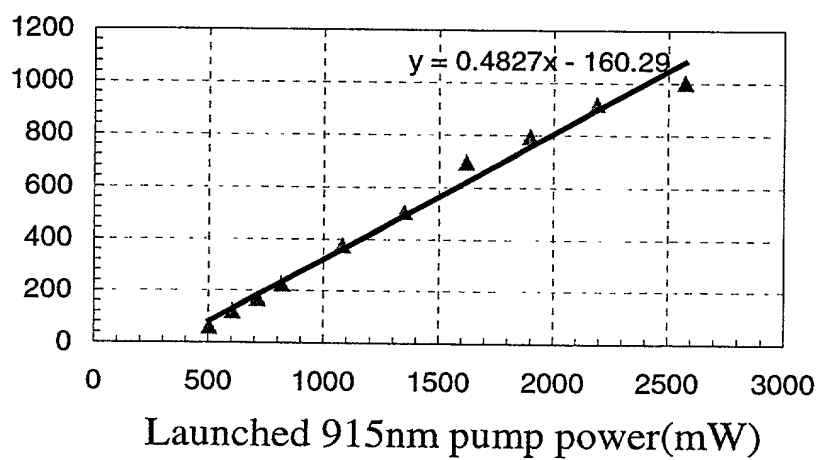


Figure 3. Single-transverse-mode output vs launched pump power with 330mW threshold and 48% slope efficiency

FIG. 8

FIG. 9

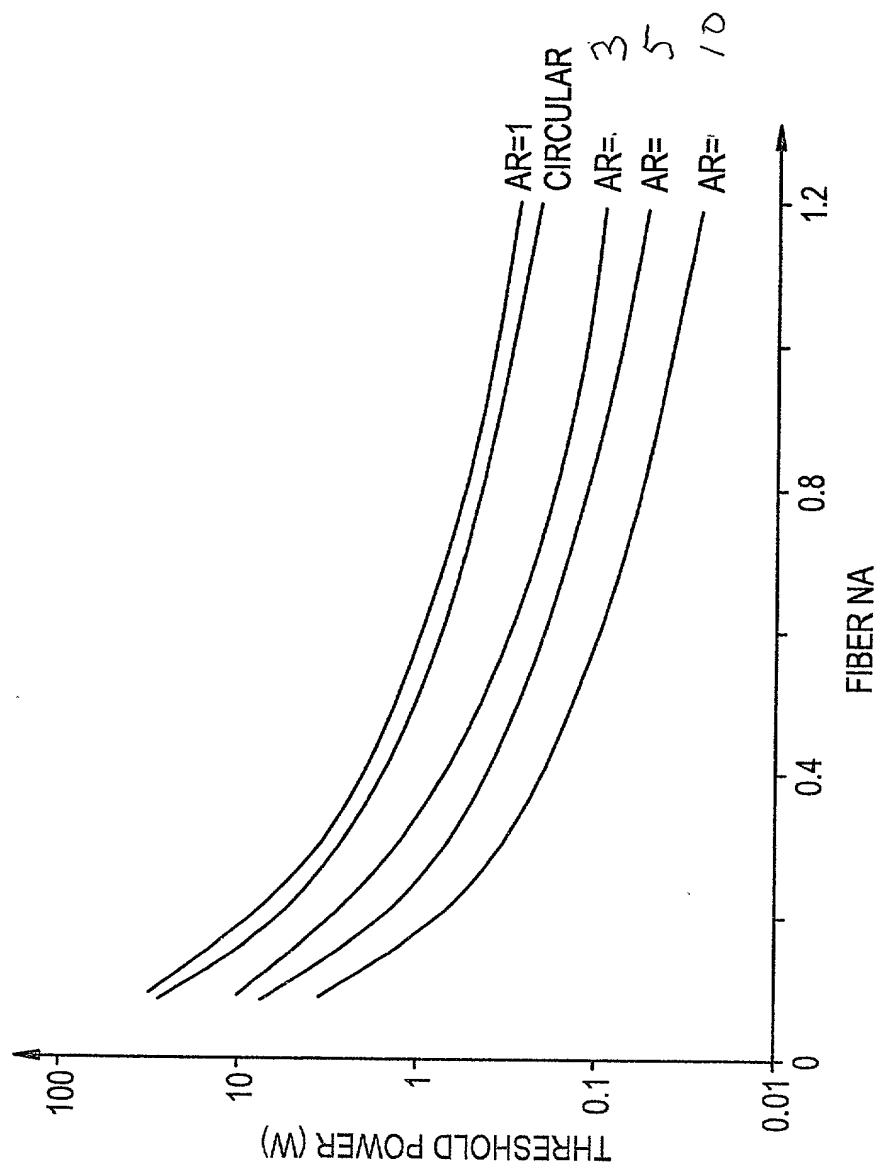


FIG 10

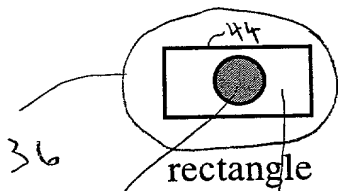


FIG 11

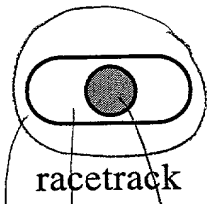


FIG 12

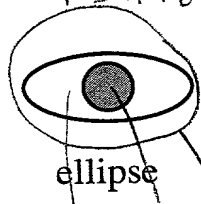


FIG 13

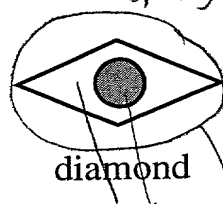
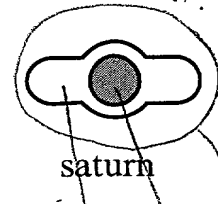


FIG. 14



36

rectangle

racetrack

ellipse

diamond

saturn

34

321

36

322

34

323

34

36

324

34

36

325

34

36

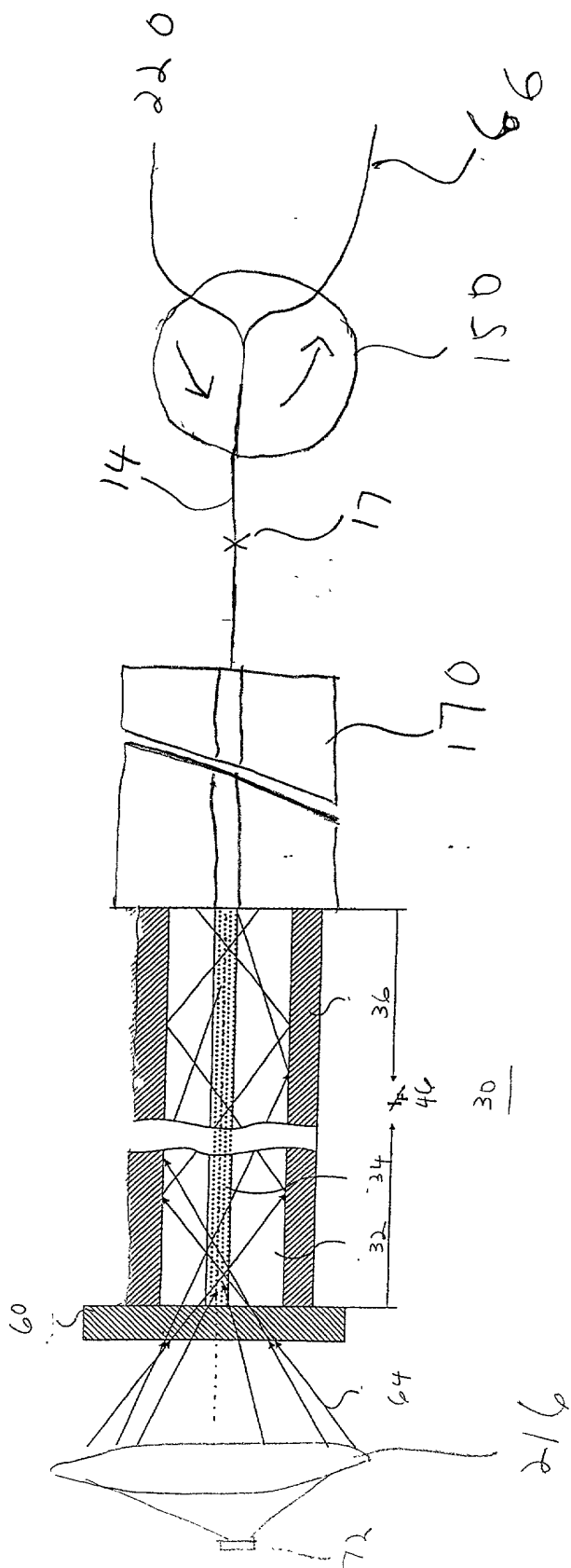


FIG. 15

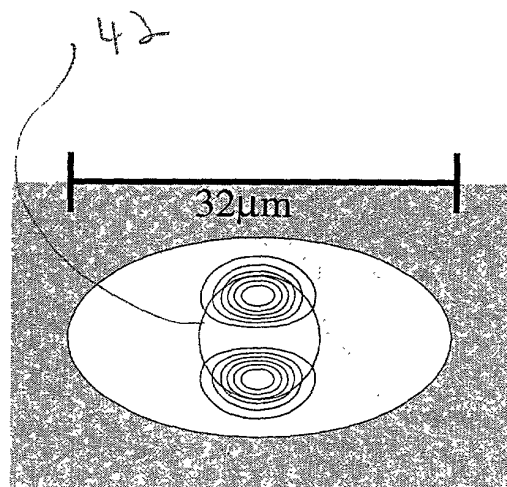
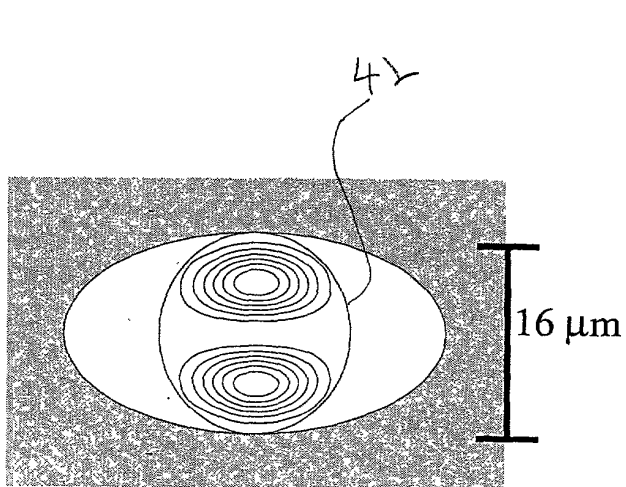


FIG 16 Figure 2. Highest-gain, higher-order mode intensity contours. Core diameter is $D=16\mu\text{m}$ and overlap factor is $\Gamma=96\%$ (left); $D=10\mu\text{m}$ $\Gamma=65\%$ (right) FIG 17